

**Amendments to the Specification:**

*Please replace paragraph [0013] with the following amended paragraph:*

[0013] Fig. 6 is a graph indicating a response time of the coil of Fig. 3 in a first orientation; [[and,]]

*Please replace paragraph [0014] with the following amended paragraph:*

[0014] Fig. 7 is a graph indicating a response time of the coil of Fig. 3 in a second orientation[.];

*Please add the following new paragraphs after paragraph [0014]:*

[0014.1] Fig. 8 is a schematic diagram of a coil on the same substrate as the integrated circuit;

[0014.2] Fig. 9 is a schematic diagram of a coil on a second substrate from the integrated circuit; and

[0014.3] Fig. 10 is a simplified diagram of multiple coils having varying orientations.